

Special Issue

Unmanned Aerial Systems for Surface Hydrology

Message from the Guest Editor

This Special Issue welcomes contributions that involve the use and development of UAV technology for the advancement of our comprehension of surface hydrological processes. More specifically, submitted manuscript may cover the following topics:

- UAV-based measurement in diverse compartments of the water cycle, including application to rainfall, surface water, river bathymetry, soil moisture, vegetation, temperature, and evapotranspiration measurements
- Development and integration of sensors onboard UAV platforms for advanced hydrological measurements
- Establishment of procedures and protocols for UAV-based hydrological observations
- Assessment and comparison of UAV-based measurements to more established technologies
- Development of algorithms for UAV-based data extraction
- Analysis and assimilation of UAV-based measurements in hydrological models
- Development of advanced multisensor UAV platforms for surface hydrology
- Integration of UAV technology within collaborative projects and citizen scientists

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2020)



Remote Sensing

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Impact Factor 4.1
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Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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